

## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/857,097B  
Source: PCT  
Date Processed by STIC: 1-22-03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

## Raw Sequence Listing Error Summary

ERROR DETECTED    SUGGESTED CORRECTION    SERIAL NUMBER: 09/857,097B

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1  Wrapped Nucleic  
     Wrapped Aminos    The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2  Invalid Line Length    The rules require that a line **not exceed** 72 characters in length. This includes white spaces.

3  Misaligned Amino  
    Numbering    The numbering under each 5<sup>th</sup> amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.

4  Non-ASCII    The submitted file was **not** saved in ASCII(DOS) text, as required by the Sequence Rules. Please **ensure your subsequent submission is saved in ASCII text**.

5  Variable Length    Sequence(s) \_\_\_\_\_ contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue**. Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

6  PatentIn 2.0  
    "bug"    A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) \_\_\_\_\_. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences**.

7  Skipped Sequences  
    (OLD RULES)    Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for **each** skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.

8  Skipped Sequences  
    (NEW RULES)    Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for **each** skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000

9  Use of n's or Xaa's  
    (NEW RULES)    Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10  Invalid <213>  
    Response    Per 1.823 of Sequence Rules, the **only valid** <213> responses are: Unknown, Artificial *anything*, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or contains Artificial.

11  Use of <220>    Sequence(s) \_\_\_\_\_ missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is **MANDATORY** if <213> "Organism" response contains the word "Artificial" or "Unknown." Please explain source of genetic material in <220> to <223> section, i.e., why you chose Artificial or Unknown. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12  PatentIn  
    "bug"    Please do not use "Copy to Disk" function of PatentIn. In PatentIn 2.x it causes a corrupted file and in PatentIn 3.x you may lose your hard returns in the sequence listing. Instead, please use "Windows Explorer" or any other manual means to copy file to floppy disk.

Does Not Comply  
Corrected Diskette Needed



PCT09

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/857,097B

DATE: 01/22/2003

TIME: 15:06:26

Input Set : A:\able-20seq.txt

Output Set: N:\CRF4\01222003\I857097B.raw

3 <110> APPLICANT: Urbaniak, Stanislaw J.  
 4 Barker, Robert, N.  
 6 <120> TITLE OF INVENTION: ALLO- AND AUTO-REACTIVE T-CELL EPITOPES  
 8 <130> FILE REFERENCE: P097  
 10 <140> CURRENT APPLICATION NUMBER: 09/857,097B  
 11 <141> CURRENT FILING DATE: 1999-12-01  
 13 <150> PRIOR APPLICATION NUMBER: 9826378.3  
 14 <151> PRIOR FILING DATE: 1998-12-01  
 16 <160> NUMBER OF SEQ ID NOS: 152  
 18 <170> SOFTWARE: PatentIn Ver. 2.1

## ERRORED SEQUENCES

2275 <210> SEQ ID NO: 152  
 2276 <211> LENGTH: 417  
 2277 <212> TYPE: PRT  
 2278 <213> ORGANISM: Rhce *see item # 10 on Error Summary Sheet*  
 2280 <220> FEATURE:  
 2281 <223> OTHER INFORMATION: Residue 151-165  
 2283 <400> SEQUENCE: 152  
 2284 Met Ser Ser Lys Tyr Pro Arg Ser Val Arg Arg Cys Leu Pro Leu Trp  
 2285 1 5 10 15  
 2287 Ala Leu Thr Leu Glu Ala Ala Leu Ile Leu Leu Phe Tyr Phe Phe Thr  
 2288 20 25 30  
 2290 His Tyr Asp Ala Ser Leu Glu Asp Gln Lys Gly Leu Val Ala Ser Tyr  
 2291 35 40 45  
 2293 Gln Val Gly Gln Asp Leu Thr Val Met Ala Ala Leu Gly Leu Gly Phe  
 2294 50 55 60  
 2296 Leu Thr Ser Asn Phe Arg Arg His Ser Trp Ser Ser Val Ala Phe Asn  
 2297 65 70 75 80  
 2299 Leu Phe Met Leu Ala Leu Gly Val Gln Trp Ala Ile Leu Leu Asp Gly  
 2300 85 90 95  
 2302 Phe Leu Ser Gln Phe Pro Pro Gly Lys Val Val Ile Thr Leu Phe Ser  
 2303 100 105 110  
 2305 Ile Arg Leu Ala Thr Met Ser Ala Met Ser Val Leu Ile Ser Ala Gly  
 2306 115 120 125  
 2308 Ala Val Leu Gly Lys Val Asn Leu Ala Gln Leu Val Val Met Val Leu  
 2309 130 135 140  
 2311 Val Glu Val Thr Ala Leu Gly Thr Leu Arg Met Val Ile Ser Asn Ile  
 2312 145 150 155 160  
 2314 Phe Asn Thr Asp Tyr His Met Asn Leu Arg His Phe Tyr Val Phe Ala  
 2315 165 170 175

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Input Set : A:\able-20seq.txt  
Output Set: N:\CRF4\01222003\I857097B.raw

2317 Ala Tyr Phe Gly Leu Thr Val Ala Trp Cys Leu Pro Lys Pro Leu Pro  
2318 180 185 190  
2320 Lys Gly Thr Glu Asp Asn Asp Gln Arg Ala Thr Ile Pro Ser Leu Ser  
2321 195 200 205  
2323 Ala Met Leu Gly Ala Leu Phe Leu Trp Met Phe Trp Pro Ser Val Asn  
2324 210 215 220  
2326 Ser Ala Leu Leu Arg Ser Pro Ile Gln Arg Lys Asn Ala Met Phe Asn  
2327 225 230 235 240  
2329 Thr Tyr Tyr Ala Leu Ala Val Ser Val Val Thr Ala Ile Ser Gly Ser  
2330 245 250 255  
2332 Ser Leu Ala His Pro Gln Arg Lys Ile Ser Met Thr Tyr Val His Ser  
2333 260 265 270  
2335 Ala Val Leu Ala Gly Gly Val Ala Val Gly Thr Ser Cys His Leu Ile  
2336 275 280 285  
2338 Pro Ser Pro Trp Leu Ala Met Val Leu Gly Leu Val Ala Gly Leu Ile  
2339 290 295 300  
2341 Ser Ile Gly Gly Ala Lys Cys Leu Pro Val Cys Cys Asn Arg Val Leu  
2342 305 310 315 320  
2344 Gly Ile His His Ile Ser Val Met His Ser Ile Phe Ser Leu Leu Gly  
2345 325 330 335  
2347 Leu Leu Gly Glu Ile Thr Tyr Ile Val Leu Leu Val Leu His Thr Val  
2348 340 345 350  
2350 Trp Asn Gly Asn Gly Met Ile Gly Phe Gln Val Leu Leu Ser Ile Gly  
2351 355 360 365  
2353 Glu Leu Ser Leu Ala Ile Val Ile Ala Leu Thr Ser Gly Leu Leu Thr  
2354 370 375 380  
2356 Gly Leu Leu Leu Asn Leu Lys Ile Trp Lys Ala Pro His Val Ala Lys  
2357 385 390 395 400  
2359 Tyr Phe Asp Asp Gln Val Phe Trp Lys Phe Pro His Leu Ala Val Gly  
2360 405 410 415  
2362 Phe

E--> 2366 1  
E--> 2372 2

remove extra material from ~~the~~ end of  
file.

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/857,097B

DATE: 01/22/2003

TIME: 15:06:27

Input Set : A:\able-20seq.txt

Output Set: N:\CRF4\01222003\I857097B.raw

L:2366 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:152  
M:332 Repeated in SeqNo=152